

ABSTRACT OF THE DISCLOSURE

A multifunctional molecular complex for the transfer of a nucleic acid composition to a target cell is provided. The complex is comprised of A) said nucleic acid composition and B) a transfer moiety comprising 1) one or more cationic polyamines bound to said nucleic acid composition, 2) one or more endosome membrane disrupting components attached to at least one nitrogen of the polyamine and 3) one or more receptor specific binding components.

5